





125 Eastern Cuba
a. Shafer, Oct. 1909
5420-3391

El-8

Cayo Guajala
n.w. end, "Pueblo Guajala"
flat, white sand land

- 430 Upright shrub
4-5 ft. fls yellow
- 431 Matopium barkrag
Semi spreading tree 15 ft. fls. dk yellow
- 432 Jacquinia Keyensis
6-8 ft. var. fls white, fragrant
- 433 Convolvulaceae
3-5 ft. over bushes. fls white

Cayo Romano
near Pueblo Romano
hill up to 50 ft. much limestone
rock, drainage of Sisal

- 434 Shrub
3-5 ft. yellow
- 435 Eupatorium annuatic
3 ft. fls small white,

- ✓ 2436 *Cassia*
Thorny shrub 4-5 ft, fls yellow
- ✓ 2437 Shrub, fol. gray
5-6 ft, fls purple
- ✓ 2438 *Santana* ?
3-6 ft, fls purple
- ✓ 2439 *Guttardia* ?
Shrub 10-12 ft, fls white
- ✓ 2440 *Solanum*
5 ft, fls purple, fl. red
- ✓ 2441 Shrub
6 ft, fls greenish
- ✓ 2442 *Erigeron* ?
herb 1 ft, white
- ✓ 2443 *Rubiacera*
herb, 8-12 in fls white
- ✓ 2444 Shrub, fol. grayish
6 ft.
- ✓ 2445 *Smilax*
woody vine, many feet fl. red & black
- ✓ 2446 Vine, woody
3-6 ft., apocynaceae
- ✓ 2447 *Cordia* ?
6 ft. straggling fls. white. fl. red.
- ✓ 2448 *Malpig. Vace* 4-6 ft
fls lt. blue

- ✓ 2449 *Streuliacera* ? fol. grayish
Shrub 6-10 ft, fls white
- ✓ 2450 Dense shrub branches pendulous;
6 ft, fls greenish, fl orange red
- ✓ 2451 *Passiflora*
fls red 1 to 1 1/2 in a cyme
- ✓ 2452 *Malvaceae*
2 ft. yellow
- ✓ 2453 *Mikania* ?
2-3 ft, fls white
- ✓ 2454 *Eurgrina*
Vine 6-12 ft, fls white
- ✓ 2455 *Ficus* ? milky juice
sp. - long tree 25 by 25 ft. trunk
- ✓ 2456 Straggling shrub
6-8 ft, fruit bluish
- ✓ 2457 *Palma, Copernicia* 8-15 ft
inf much larger than base. Photo
Oct 9th along rocky flat low
land some sparse open more
"bush" low often very dense
- ✓ 2458 *Malvaceae*
2 ft yellow.
- ✓ 2459 *Convolvulaceae*
vine 4-8 ft fls deep blue

✓ 2460 *Malix* sp.
2 ft., fls yellow, fol. small

✓ 2461 *Portulaca*?
fls yellow, — in pockets of soil in rock

✓ 2462 *Evolvulus*
6-8 in fls white, some in pockets

✓ 2463 *Syzyranthus*?
6-12 in fls yellow

✓ 2464 *Bradburysa*
vine 2-3 ft., fls lt. blue

✓ 2465 *Cracca*?
12-15 in fls dark blue

✓ 2466 *Streptocarpus*?
6-10 ft., upright, fls white

✓ 2467 *Vitex* — tree or shrub
12 ft., upright, fls blue

✓ 2468 *Thym*
18 in fls small white

✓ 2469 *Rauvolfia*?
strict shrub 4-5 ft.

✓ 2470 *Plumaria*
4-8 ft., fls white

✓ 2471 Small tree
10-12 ft., fls white

✓ 2472 Shrub
6-8 ft., fls yellowish

✓ 2473 Shrub
6 ft., fruit black

✓ 2474 *Lourantia*?
straggling shrub, fls lt. blue, fruit yellow

✓ 2475 Upright shrub
8-10 ft.

✓ 2476 *Sag. Vin*
3-4 ft., fls pinkish

✓ 2477 *Exostemon*?
strict shrub 6 ft., fls white

✓ 2478 *Sag. Shrub*
3 ft., fls yellow

✓ 2479 Small tree
10 ft., fruit red

✓ 2480 Straggling shrub
6-8 ft., fls greenish yellow

✓ 2481 Grass
in pockets of soil in rock

✓ 2482 *Malva* sp.
3 in in pockets of soil

✓ 2483 Grass
6 in in pockets of soil

✓ 2484 *Ampelopsis*?
fratig vine (woody) fls bright red

✓ 2485 *Apoc. vine*
many fruit fls yellow fruit

- ✓ 2486 Shrub
3/4 in. everywhere green ft. red
- ✓ 2487 Shrub
6 ft. fl. yellowish green
- ✓ 2488 *Rynchospora*?
6 in. in wet pockets
- ✓ 2489 *Euphorbia*
3-4 in. in wet pockets
- ✓ 2490 Strict Shrub
5 ft.
- ✓ 2491 *Pithecellobium*
8-10 ft. unarmed
- ✓ 2492 Shrub or tree?
10 ft.
- ✓ 2493 Cassia
8 ft. yellow unarmed
- ✓ 2494 *Azalea*, vine, milky
6-10 ft. fls. white
- ✓ 2495 Shrub or tree
10 ft. fls. yellowish
- ✓ 2496 *Cyperus*
1-2 ft. fl. bluish
- ✓ 2497 Malvaean
straggling shrub. fls. bright red
- ✓ 2498 *Azalea*, vine, milky 3 ft.
fls. white small.

- ✓ 2499 Sag.
12 in. y. bluish
- ✓ 2500 Shrub
10 ft.
- ✓ 2501 *Pieris* sp.?
- ✓ 2502 *Cereus* 3 ft. fruit, bright red
- ✓ 2502^a Cayo Paloma do
fls. 5 ft. in pockets
- Silla de Cayo
rough rocky limestone hill south of 230
ft. high (secondary about 100) dense
low bush, more fertile and trees
larger on S. side.
Beach, mostly sandy (white) with
many palms, & w. exposure flat
rocks, Laguna between hill and
beach.
Sandy beach
- ✓ 2503 Comp. herb
straggling 4 ft. fls. white
- ✓ 2504 *Musibeton*
- ✓ 2505 Tree 25 ft. spreading 40 ft. wide
fruit yellow
- ✓ 2506 *Capparis*
Tree 20 ft.

- ✓2507 Dense shrub
5 ft. fruit red
- ✓2508 Iva? fls. whitish
creeping & rooting on sand many ft.
- ✓2509 Grayish herb
2-4 in fls white
- ✓2510 Euphorbia small
fls on white sand fls white
- ✓2511 Annual herb
3-6 in weak, flat, fls yellow
- ✓2512 Grass
- ✓2513 Fleishy herb by Laguna
9-12 in fls white
- Oct 10 N Side of hill, rough per-
forated lime rock, dense
growth
- ✓2514 Prostrate fls whitish
3-5 in, in crevices of exposed rock
- ✓2515 Teloma fls pink
shrub 8-10 ft. branches spreading
- ✓2516 Slender shrub
10 ft.
- ✓2517 Dense shrub
stems, 5-8 ft. fls white

- ✓2518 Shrub
8 ft
- ✓2519 Shrub
6 ft fruit dry
- ✓2520 Croton?
Shrub 10-12 ft
- ✓2521 Oncidium
small on 2520 fls yellow
- ✓2522 Shrub
8 ft. fls yellowish
- ✓2523 Capparis
slender shrub 6 ft. fruit short
- ✓2524 Shrub
6 ft yellowish
- ✓2525 Capparis
6-8 ft straggling
- ✓2526 Eupatorium
3 ft. fls whitish
- ✓2527 Spreading tree
spiny 15 ft.
- ✓2528 Strict shrub
6 ft. fruit light red
- ✓2529 Passiflora
fls yellowish
- ✓2530 Tree
10 ft. fruit black

- 2531 Shrub?
10 ft.
- 2532 Shrub
8 ft. fl. black
north top of hill & side of hill
mound, trees larger
- 2533 Shrub
8 ft. branches long, pendulous, fls. blue?
- 2534 Tree
20 ft. fruit black
- 2535 Upright branched tree
15 ft. (Eugenia?) fl. black
- 2536 Upright shrub or tree
- 2537 Epidendrum
not "bulbiferous" low plant
- 2538 Epidendrum
"bulbiferous" low plant
along beach (white sand) and
Saguna (black limestone) to small
salt marsh each side
- 2539 Portulaca?
spreading
- 2540 Spreading tree
20 ft.
- 2541 Euphorbia
6 in fls. white

- 2542 Spreading tree
20 ft. fruit green
- 2543 Euphorbia fls. white
upright in sand & shade
- 2544 Struck shrub
8-10 ft. fls. greenish
- 2545 Avicennia
in fruit
- 2546 Spreading shrub
stem red 5 ft. Edges of salt marsh
- 2547 Spreading tree
26 ft. x 20 ft
- Oct 12. Cayo Paloma
Rocky (porphyritic limestone) probably
1 mile long, 1/4 mile wide, S.W. half
hill to 50 ft. bush & trees dense, soil
often rich & trees large, largest seen
so far on any of the islands, SE end low
flat wet mangrove (Rhizophora)
fringed, several sparse ferns &
familiar, common
- 2548 Herb like (Euphorbia?)
3 ft. fls. whitish
- 2549 Malvaecae
3-4 ft. fls. red
- 2550 Fleecy vine (Convolvulus)
fruit grape like, tree 15-20 ft

- ✓2551 *Scleria*
tufts, 18 in
- ✓2552 Shrub,
3-6 ft yellow
- ✓2553 Shrub
8 ft
- ✓2554 Spreading tree
15-20 ft.
- ✓2555 Tree, malpighiaceous
up to 15 ft. fl. pink, fr. red
- ✓2556 Tree
25 ft.
- ✓2557 Shrub, Euphorbiaceae
10 ft.
- ✓2558
fl. pinkish.
- ✓2559 Spreading tree 20 ft x 3 in
branches pendulous
- ✓2560 *Ximenesia*
spreading tree 25 ft. fl. yellow-green
- ✓2561 *Borag.* vine
5 ft. over bushes
- ✓2562 Spreading tree
15-20 ft. fl. yellowish
- ✓2563 Leg. vine
fls. pinkish purple

- ✓2564 *Passiflora*
fl. yellow fl. purple
- ✓2565 Grass
- ✓2566 weak shrub
6 ft. fl. blue fl. yellow
- ✓2567 *Cassia*
6-8 ft. fl. yellow
- ✓2568 *Viuna*
spreading tree 20 ft
- ✓2569 Grass, 2 1/2-3 ft
near mangrove swamps
- ✓2570 *Smilax*, woody vine
fls. yellowish or greenish white
- ✓2571 Grass
woody climber 6-8 ft
- ✓2572 *Crotellana*?
spreading, woody, thick, fls. yellow
- ✓2573 *Saploria*? scarce
shrub 5 ft. fl. yellow
- ✓2574 *Tillandsia*
bracts red fls. blue
- ✓2575 Grass
in tufts
- ✓2576 *Bromeliad.* fls. red
with seedlings

- ✓ 2577 Subiguu Saururus
shaggy bark
- ✓ 2578 Paspalum?
in open places in woods
- ✓ 2579 Cassia, frutescens 6 ft
among rocks
- ✓ 2580 Smoother bark than Eugenia?
20 ft. fl. yellow then red
- ✓ 2581 Gundelia?
woody? search on exposed rocks
- ✓ 2582 Cassia
3 ft. fl. small yellow
- ✓ 2583 Small tree 15 ft
fl. red y = 2580
- ✓ 2584 Smoother Verbenia? fl. bl. then
black
probably escaped, near abandoned
- ✓ 2585 Small tree
12 ft fl. black
- ✓ 2586 Sab. aromatic
1-2 ft fl. habitus like 2584
- ✓ 2587 Sargassum bark white
on of the largest on Cay. up to 40 ft
- ✓ 2588 Euphorbia
in places of coral on much exposed rocks
- ✓ 2589 ~~SVL~~ ~~SVL~~
Jacquinia

- 2590 ~~SVL~~ ~~SVL~~
(Rhabdadenia)
- ✓ 2591 Pittlerobium
8 ft. fl. pink slightly curved
- ✓ 2592 Ficus?
spreading tree 30 ft
- ✓ 2593 Jacquinia
4-10 ft. fl. fragrant white
- ~~2594 Jacquinia~~
~~large tree of = above~~
- ✓ 2594 Amyris
5-8 ft. fl. yellowish
- ✓ 2595 Tree 18 in
heads white escaped?
- ✓ 2596 Shrub
- ✓ 2597 Selaverrus
fl. in pinkish spring
- ✓ 2597a Selaverrus
no spurs

Oct 18th

"Cayo Pirchira" part of Cayo
Guajala, flat limestone rock,
(inland from water)

✓2598 *Sophora*?
Shrub 3-5 ft. fls yellow

✓2599 *Cassia*
3 ft. manured, fls yellow

✓2600 *Acacia*?
thick, vine-like shrub, over
bushes. 8-10 ft. fl. bracte pink 1 1/4 in

✓2601 Milky vine, brown fresh
small white fls.

Oct 19 Punta Jucazo on
Cayo Romano, S. Sicily

Soil low & black, bank of
arierunia bush down of
low trees or shrubs - little rose
19th

✓2602 "Guana Sana" *Thunbergia*?
15-25 ft. high, leaf soft, l. green
above, bluish white beneath,
inf. long as leaf, stem 5-6 in
fl. 1st 3/16 in, white, grey leaf
base covered with dense "wool"
which is scraped off and used
to stuff pillows etc, wood section
& Photo cloth coarse, fine
manured, "partly worn"

✓2603 *Musa Guana Coccoloba*?
10-30 ft. trunk, brown, dark green
very glossy above silvery white
beneath, inf. much shorter
than leaf. Light orange when
ripe & pink, 1/4 in, purplish red
not woolly at base of young leaves,
"cloth" - medium, coarse, well
woven, wood section. Photo

✓2604 *Acacia*.
Tree 25 ft. quite common
but not much seen elsewhere
on this Cay

✓2605 *Tillandsia*
base bulbiform scarce

2606 *Epidendrum*
Common plant

Oct. 20 Salina de la Principal
Cayo Romano

Bank of *Conocarpus*.

Soil of higher parts consisting of
small shell fragments lower
parts mud and salt marsh

✓2607 *Convolvulus*
vine many feet fl. scarlet

✓2608 *Comp.*
Shrub like 3-5 ft white Shrub

2609 Cassipouia 6-8 ft. white
stems thick & very brown

✓ 2610 Mistletoe on urtopium
corolla trilocular

✓ 2611 Shrub
3-4 ft. fls. white

✓ 2612 Mistletoe on Conocarpus
fls. yellowish

✓ 2613 Vinn., milky juice
fls. small, white

✓ 2614 Grass
2 ft.

✓ 2615 Sagunularia?
shrub 3-4 ft.

✓ 2616 Santana?
3 ft. white

✓ 2617 Astrucaria
2 ft. yellow

✓ 2618 Passiflora
fl. white fls. 1 1/4 in. ind.

✓ 2619 Strict Shrub
3-4 ft. fl. red

✓ 2620 Pterocolum
4-5 ft. unarmored fls. pink

✓ 2621 Shrub Shrub
3-4 ft. corolla pink

2622 Small tree
fls. white

✓ 2623 Euphorbia
2-4 in

✓ 2624 Cyperus
2-3 in

✓ 2625 Euphorbia
2-3 in

✓ 2626 Grass
6 in

✓ 2627 Guianensis
white also blue

✓ 2628 Salicornia?
4-8 in green

✓ 2629 Clerodendron
infl. red, 12-18 in

Oct 21 Sono de Sono Cull
about 1 mile inland through a
succession of lagoons - near
about East & West 1 1/2 or 2 miles
1/2 mile across, about 100 ft high
Soil ^{black} red on a broken limestone
bedge, with much broken rock
base inland thickets with
much Tillandsia usneoides

✓ 2630 *avicennia*
seedlings

✓ 2631 *Fleshy*
1 fl. fruit yellow

✓ 2632 *Spiny shrub*
2 fl. fls blue ft red

✓ 2633 *Thick Cane-like shrub*
2 fl. fruit red

✓ 2634 *Evolvulus*
1-1 1/2 fl. fls. lb. blue

✓ 2635 *Low shrub*
fls. white

✓ 2636 *Convolvulus?* *vine*
fls bright blue

✓ 2637 *Acaia?*
2 fl. bracts 1 in yellow

✓ 2638 *Convolvulaceae vine*
4-5 fl. fls pinkish

✓ 2639 *Herb*
1 fl. yellow

✓ 2640 *Simarouba*
Cayo Romana

✓ 2641 *Gerardia*
9-12 in fls pink

✓ 2642 *Tillandsia*
small grass

2643 *Number skipped*

✓ 2644 *Pseudophoenix*, very abundant
10 to 20 ft., bird good to eat

✓ 2645 *Linacum*
Tree to 30 ft x 6 in.

✓ 2646 *Psychotria*
3-4 ft. fls red

✓ 2647 *Tree*
to 25 ft.

✓ 2648 *Tree* *milky juice*
25 ft.

✓ 2649 *Cultis*
Shrub 6-8 ft

✓ 2650 *Polypodium*
creeping up trees

2651 *Epidermum* *living*
small bulb

2652 *Epidermum* *living*
large bulb

✓ 2653 *Sclerocarpus*

✓ 2654 *Opuntia*, few spines
in shade and in water

Cayo Canal Nuevo

3 small rocky keys,
bottom perforated, common
rock, soil rich black
moss medium sized

Cayo Arto

✓2655

7m

25 ft x 4 in ph. capsules red

✓2656

7m

15 ft x 3 in ph. red to black

✓2657

7m

20 ft x 6 in

✓2658

spiny 7m

20 ft, fls yellow

✓2659

Zamia?

near the water

✓2660

Orchids, flowers like garlic
15 ft. (fls on Cayo Sagua ~~black~~)

Cayo Calabasa

✓2661

Shrub

4-5 ft fls white

2662

Sclerocarpus? living

spiny

✓2663

Sclerocarpus

not spiny

Cayo Sagua

very rocky about 30 ft high
in center

✓2664 Pilea near the water
1-3 in in shade of Tuna

✓2665 Tillandsia small
by the sea

✓2666 rustication
on shrubs by the sea

✓2667 Shrub on rocks
ph. red

✓2668 Shrub, Mimosaean
3-4 ft. slender fls white in bracts

✓2669 Cypress
1 ft on rocks

✓2670 "Itra", small tree
on rocks

✓2671 Shrub
3-5 ft fls white

✓2672 Sclerocarpus
thick, ribbed

2673 Sclerocarpus living
not ribbed

✓2674 Sclerocarpus
short jointed tufts
on damp rocks

✓2675 *Scleroerhus*
Creeping in ground mts.

^{tree}
Cayo Romano
near S. end
sandy soil, rustopen

✓
✓2676 *Conocarpus principalis*
Spreading tree 25' x 25'
thick red disk leaves, short,
bl. red, fl. green

✓2677 *Shrub*
Strich, 4-6 ft, fl. yellow

Oct 23

Cayo Coccos
SW end, mostly *Rhizophora*
buz., with very tall water
flat rock, margin of salt
marsh, *Conocarpus* common
in tree

✓2678 *Shrub or spreading tree*
25' x 15 ft, fl. greenish yellow fl. red

✓2679 *Villandesia*
on 2678

✓2680 *Opuntia*
vine 6 ft, fls. pink

2681 *Epidendrum*
on *Conocarpus* large tree

✓2682 *Seg. vinum*
fls. small yellow

✓2683 *Bradburya*
3 ft.

✓2684 *Seg. vinum* 8 ft,
fls. brownish red

✓2685 *Craea?*
3 ft, fls. blueish

✓2686 *Canavallia*
fls. blueish or pink

✓2687 *Gerardia*
12-15 in fls. pink

✓2688 *Euphorbia*
stem red 18 in

Cayo Coccos
H. and S. in, fls. pink
blue marsh area

✓2689 *Shrub, green spray*
25 ft, fls. yellow

✓2690 *Pasiflora*, many foot
fls. light red 1 1/2 in across

- ✓ 2691 *Cay vine*
8 10 ft fls pink
- ✓ 2692 *Malpighia* vine
fls yellow
- ✓ 2693 *Citrus x glauca*
shrub 5 ft. fls white fl red
- ✓ 2694 *Santana*
4 ft. fls light yellow
- ✓ 2695 *Shrub*
3 ft. fls small greenish
- ✓ 2696 *Plumieria* *wood section*
up to tree 15 ft. white
- ✓ 2697 *Epidendrum*
large tree in fruit
- ✓ 2698 *Ipomoea*, *neglect flammula*
vine many feet white fls
- Oct 24 same place
- ✓ 2699 *Operaria* *speciosa*
5 ft. *Cuttings*
- ✓ 2700 *Pidalanthe* ? *Cuttings*
mud, juice, black 5 ft. long, 5 ft. thick
- ✓ 2701 *Sargassum*
vine 4 ft. fls white
- ✓ 2702 *Torch*, *Cuplora* ?
12 in blue

- ✓ 2703 *Torch*
18 in. fls white
- ✓ 2704 *Apoc Vin*
6 ft. fls yellow, fls also
- ✓ 2705 *Tacoma*
vine 15 ft.
- ✓ 2706 *Cyperus*
12 in
- 2707 *Missal*
- ✓ 2708 *Gurkula* ?
shrub 6-8 ft. fls white & black
- ✓ 2709 *Passiflora* *juice* 7 ft. 15 ft.
fls white *wood section*
- 2710 *Cyperus*
- ✓ 2711 *Croton* 3 ft. (*Cordia*)
fls whitish
- ✓ 2712 *Jaquima*
wood section
- ✓ 2713 *Cyperus*
3-4 in
- ✓ 2714 *Passiflora*
fls blue 1 ft. in *acacia*
- ✓ 2715 *Spring* 7 ft.
20 ft.

✓2716 Vanilla Crapeless
over bushes, many fruit

✓2717 Shrub 5 ft.

fls small greenish yellow
✓2718 16 herb aromatic
6 in - fl yellow

✓2719 Shrub
8 ft. fl yellow & black axill
(over)

✓2720 Grass
woody climber

✓2722 6 ft.
Bulida
flat topped tree 10-20 ft

✓2721 Solanum

✓2723 2 ft. fl red
mahogany, leaf very small
12 ft. only 1 tree seen

✓2724 Comp herb
fls white

✓2725 Cordia?

✓2726 4 ft. fl orange
Croton (Cordia)
2 ft

✓2727 Cyperus

✓2728 Shrub, fol. woolly
5 ft.

✓2729 Scleria

Cayo Palow

solid rock 1000 ft long E-W
x 50 ft wide 30 ft high. only 12
springs seen within island

✓2730 Shrub 3 ft

✓2731 fls white
Conocarpus
silk foliage, 3-4 ft

✓2732 Flsly Comp
fls yellow

✓2733 Euphorbia 3-5 in.
in tufts in corners of rock

Oct 28

Cayo Paredon Grande
a triangular frame of
sand and rock enclosing
a large lagoon - N.E. corner
solid ^{around about 10 ft high} rock. (Sight House term)
westward of which are a series
of sand dunes about 15 ft high

thin. red. in white sand, ex-

Cpt 5, side, mostly Rhizophora
inside around lagoon is flat
limestone rock much covered with
on sandy parts

✓ 2734 aromatic herb
pale yellow

✓ 2735 grass
3 ft

✓ 2736 Cyperus (Cyperus)

✓ 2737 Cuscuta
creeping & jointed 2-3 ft

✓ 2738 Creeping grass

✓ 2739 grass

✓ 2740 Asclep. Vine milky juice
2 ft, small leaf fleshy yellowish

✓ 2741 Chromolaena
12-18 in

✓ 2742 Comp. herb

✓ 2743 Cordia Seb, Truly wild
Tree 15 ft, x 4 in fl red

✓ 2744 Persea lobatum 10 ft
H. B. K. unnamed Photo

White Sand

✓ 2745 Shrub or tree

✓ 2746 Asclepiad.

Tree 15 ft x 3 in fl white? purple

✓ 2747 Small Shrub 2-3 ft
fls on top yellow.

✓ 2748 Apoc Vin
yellow

✓ 2749 Cyperus

✓ 2750 Cracca

✓ 2751 spreading 3-4 ft fl purple
small thin grass

✓ 2752 Herb, 18 in
long woolly tops

✓ 2753 Euphorbia
small.

✓ 2754 Shrub 3 ft
fl. buds axillary

✓ 2755 Shrub, spreading round fl purple
stems to 8 ft in diam, fls in ground

✓ 2756 Euphorbia
larger

✓ 2757 strict shrub sand dunes
pale yellow in hard rock above

Silver Rock

- 2758 *Opuntia* 2 ft,
many spines cutting
- ✓ 2759 Comp., whitish thick leaf
2-3 ft, fls yellow
- ✓ 2760 Cushions 3 to 12 in across
filled with sand fls white
- ✓ 2761 Comp flat on ground
fls yellow
- ✓ 2762 *Euphorbia*
- ✓ 2763 *Euphorbia* forming cushions
like 2760
- ✓ 2764 *Convolvulus*?
usually creeping on sand
- 2765 out number missed
- 2766 out number missed
- ✓ 2767 *Cassia*
2 ft
- ✓ 2768 *Passiflora*
small yellow fls
- ✓ 2769 Comp 3 ft.

Oct 26 Cayo Romano
near Puerto Barrios
flat lime rock under
soil

✓ 2770 *Agave*, 13 ft, old fruit
lvs. light green no bloom

✓ 2771 *Cyperus*

✓ 2772 *Mimosa* bran
4 ft, unbran. fls bracts white

(2810 *Sclerocarpus* cutting
on the cushions, spiny

2811 do do
not spiny, cutting

Oct 27

Cayo Cruz a very flat
island, inner (S. side) much
mangrove, & flat rock, outside
(north) white sand on N, N.E.,
exposures, rocky on NW exposures

✓ 2773 Creeping herb, in mud
& salinas, forming large patches

✓ 2774 *Copernicia*, leaf bluish green
DS many
Riem 10-15 ft
inf. on the ground

2775 Shrub
6 ft. fruit winged green

✓ 2776 Cassia 3-5 ft

spring fls yellow

✓ 2777 Landia

18 in on rocks

✓ 2778 Cassia 3-4 ft

fls yellow used for brown

✓ 2779 Conocarpus, evergreen
climbs rocky soil leaf small

✓ 2780 Tall grass

by the sea

✓ 2781 Euphorbia

flat on sand

✓ 2782 Grayish herb

fl white flat on sand

✓ 2783 Euphorbia

✓ 2784 Aromatic herb

fls yellow, flat on sand

✓ 2785 Tall grass

flat fruit

✓ 2786 May 5 shrub

2 ft. fls yellow

mostly on wetter ground

Cayo Romano

Alto del Aji

✓ 2787 Tree 25 ft. x 4 in

rough bark of Exostema

✓ 2788 Shrub 4 ft

fruits black

✓ 2789 Zamia

✓ 2790 Pseudophoenix ^{Plants} 10-12 ft.
sparingly scattered through woods

✓ 2791 Straggling shrub over
bushes 5 ft.

✓ 2792 weak shrub

5 ft. spring

✓ 2793 Solanum 4 ft

fl blue fl red

✓ 2794 Pithoeolobium 6 ft

spring, fls pink

✓ 2809 Sclerocactus
high over trees

Cayo Cruz. by deep
channel. S side crossed to
N side as succession of
low 6-10 ft sand dunes &
mudflats. white rock (gray
& black when exposed) several
small fresh water lagoons
near the N. coast.

✓ 2795 Grass, fine thin leaf
in dense clumps 18 in
infl. pink

✓ 2796 Cyperacean
3-6 ft.

✓ 2797 Saguncularia ?
by water edge, tree 18 ft x 3 in

✓ 2798 Bushy shrub
1 1/2-2 ft. in water fl white fl black

✓ 2799 Comp
2 ft. on rocks

✓ 2800 Palm "Sana Guana"
5 ft. photo scarce Photo

✓ 2801 Palm Mira Guana
very abundant scattered 6-15 ft
leaf very glossy fl all ripe
infl. shorter than leaf

2802 Tree 10-15 ft
branchlets pendulous

✓ 2803 Shrub, fl white
18 in fls white

✓ 2804 Cyperacean

✓ 2805 Shrub ?
12 in fls white

✓ 2806 Shrub
3-4 ft. fls yellow

✓ 2807 Metopium
6-8 ft.

Oct 29

Cayo Santo

✓ 2808 Shrub
5 ft fls scarce greenish

✓ (2809 Sclerocactus
creeping high over trees
Algodonaji outcrops

✓ 2810 Sclerocactus
Cayo Romano - Port Baril.
spiny

✓ 2811 do do
not spiny







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Nov 7 ⁸⁸ Cayo Guajala

Hills on S.E. end of main
Cay.

- ✓ 2812 Herb 10-12 in
fls white, open place near bay
- ✓ 2813 Shrub 3-4 ft. upright
flat well near bay
- ✓ 2814 Shrub like 2-3 ft
fls yellow foot of pile of till
- ✓ 2815 Pseudophoenix nelsonii in
structures to 20 ft. grows,
foot & sides of hole attached
150 ft. in section
- ✓ 2816, Parasitic 4-6 in yellow
dark woods in trap mound
- ✓ 2817 Vitellaria
on Pseudophoenix
- ✓ 2818 Scirpus?
open place near bay
- ✓ 2819 Capparid. tree 15 ft
flat wet soil near bay
- ✓ 2820 Shrub 6-8 ft with bark
fls yellowish axillary
- ✓ 2821 Shrub 4-5 ft Eugenia?
pub. small yellowish with bark

✓ 2822 Herb 3 ft. *Asanum*?
fls whitish, open places near
the Bay

✓ 2823 Shrub, whitish of small
3 to 6 ft. hillsides

✓ 2824 Shrub, pinkish 3-5 ft
fls whitish

✓ 2825 Malvaceae - Shrub or tree
6-10 ft. fls redish, top
of hill fls reddish

✓ 2826 Small tree, or shrub bark
red, peeling like *Barrera* hillside
fls yellowish fruit redish

✓ 2827 Palm, long very slender trunk
probly 30 ft high, cor silvery
fragrant in woods overtopping
all other trees

✓ 2828 Tree 30 ft. spreading
fruit pink

✓ 2829 *Epilobium*? orchid
in woods on trees & fallen to
the ground, fls with circle
brownish & green tip white pre-
ceded with purple

✓ 2829a 200. fls yellowish
"Culb" *Carex*, on

✓ 2830 *Structor* grass, very small
water lagoon

✓ 2831 Orchid, small tree
plants in dense thickets or
woods, near east

✓ 2832 Creeping fern, on tree
thickets near east

✓ 2833 Shrub 6-8 ft
branchlets slender fls yellow

✓ 2834 *Tibouchina*

✓ 2835 Shrub, round, little?
6 ft fruit dark red

✓ 2836 Shrub 10 ft
fruit fleshy black

✓ 2837 Spiny shrub near salt lagoon
6 ft fls white

✓ 2838 *Cyperus*
near salt lagoon

✓ 2839 *Acoron* fern
near east

✓ 2840 *Ptilocaulis* spiny
by the

✓ 2841 Orchid fruit seen in box
by the coast

✓ 2842 *Crotophaga* in sand
2-4 m fls yellow

✓ 2843 *Cyperus* small
under trees in sand

✓ 2844 *Orchid* fls pink
"Cult" shrub

✓ 2845 *Phyllanthus* 3 ft
fls white

✓ 2846 *Palm* in dense thicket
of bamboo 10-15 ft. Crown
light green beneath, fls off
with luscious. Seeding very
abundant and handsome

✓ 2847 *Shrub* 3-5 ft
slightly milky fls red

Cayo Guajaba

"Soma Chirre"

hill about 100 ft in NW end
of Cay much of it has been
cleared over and some grass
is abundant. Lower limestone
in soil, specimens mostly
from low land at base of
hill

✓ 2848 *Palm*, on strip of sandy
land before rocky hill.
15-20 ft. fruit all off in fls.

✓ 2849 *Flowering* in salt water

✓ 2850 *Cyperus* 3 ft

✓ 2851 *Open* places

✓ 2852 *Pithecolobium* spring
4-6 ft.

✓ 2853 *Crotalaria* 4-6 ft
fls yellow

✓ 2854 *Shrub* 4 ft. fls red

✓ 2855 *Orchid*, leafless
fls white.

✓ 2856 *Mimosa* shrub
6 ft. fls bracts white

✓ 2857 *Sclerocarpus*
inter portion of fls red

2858 *do*
outer part of fls greenish

✓ 2859 *Sclerocarpus*
long rope like, in dense
woods

Vacinity of Tiffin, ~~near Tiffin~~ Oct-Nov

- 2858 Shrub up to 10 ft
fls purple 1 in. bark gray
- 2859 Palm 10-20 ft cretulum
in low woods fls, wood section
- 2860 Vittaria, fern
on "Coprosma leucopoda"
- 2861 Weed in clearing
fls light blue
- 2862 Tree 12-15 ft Cyperaceae
fls black, cup, light red
- 2863 Xanthoxylum tree spiny
tree up to 50 ft
- 2864 Tree 25 ft.
fls yellowish
- 2865 Comp. herb
spikes white in savanna
- 2866 Convolv. vine
6-8 ft, fls purple by R. R.
- 2867 Undershrub 2 ft
fls greenish, rich woods
- 2868 Cyperaceae, in flat
patches, openings in woods

new woods

- 2869 Solanum ^{vine} over bushes in
thicket, fl. red pls blue
- 2870 Phytolacca stem green,
pls white, in clearing after fire
- 2871 Tree 25 ft, spreading branches
lank, light, smooth, old plantations
- 2872 Vine, asclepiad, 10-15 ft,
over bushes in thicket fls, red
- 2873 Tree 10-15 ft.
in woods
- 2874 Grass 1 ft,
in wet open places
- 2875 Burttara? Tree 15 ft
fls velvety red in dense woods
- 2876 Eupatorium 6 ft-
fls. whitish edge of woods
- 2877 Tree 12-18 ft., fls white
sap milky, in wet "juice woods"
- 2878 Stragling shrub, with
lank 6-8 ft
- 2879 Vine-like shrub, 4-6 ft
flegmous, fls green with lank
- 2880 Herb. fls bluish
in very wet open places
- 2881 "Paranaw" grass 4-5 ft
wet fields etc

- 2882 Psychotria, undershrub
4-5 ft, fls light red, in low woods
- 2883 Tree 10-12 in
in clearings
- 2884 Apoc. Vine 6 ft
fls small yellow
- 2885 Eugenia? undershrub
4-5 ft, fls fleshy red, dense woods
- 2886 Shrub-like 4-6 ft, in thickets,
slightly milky, fls dark red
- 2887 "Rosewood" Tree up to 41 ft
fls fleshy red woods
- 2888 Vase shrub 6 ft-
pink fleshy white & ^{woods} bluish
- 2889 Eugenia? upright tree
20 ft, fleshy fls red woods
- 2890 Santana? 4-5 ft - thickets
fls white
- 2891 Crotalaria 4-5 ft, thickets
fls yellow fragrant
- 2892 Woody vine, many feet
fls pink white
- 2893 Epidendrum?
sepals? brownish yellow lip? white
pinnated with purple like plant
others in woods

- 2894 Palm, to 15 ft. leaf very
brittle, bluish, petiole slender,
stems, plate 3-4 in. Photos
- 2895 Palm up to 20 ft. leaf
greenish sessile, plate 10 in.
long. Photos
- 2896 Orchid in fruit
in woods
- 2897 Cyperus
wet open places
- 2898 Cyperus small dense
tufts wet openings
- 2899 Cassia 18 in 2 ft
fls yellow clearing
- 2900 Cyperus, on ground in dense
patches fls bluish
- 2901 Mimos. 7 m up to 50 ft
trunk cylindrical fls white
- 2902 Tillandsia
cult - like
- 2903 "Cimeto" ? in woods
tree up to 3 ft, fruit ^{purplish} green
- 2904 Grass 2 ft
tufts in water near woods
- 2905 Grass 1 ft
in tufts in woods

Mk 3000000

- 2906 Juncus? in shade
near east
- 2907 Cyperus crasse
- 2908 Cyperus thin open infl.
- 2909 Cassia? 7 m 20 ft, fls.
large yellow, in wet places at
- 2910 Mimosa 7 m (Mimosa)
white fls, in spikes, 20 ft x 4 in in woods
- 2911 Sapotaceae, tree 40 ft x 6 in
fruit very brown subglobose 1 in diam
- 2912 Shrub, "Ruellia" in woods
stem 6 ft, fls. red-black
- Nov. 21 ^{from} Duran City, south into
savana then first to edge
of San Marcos, mostly poor
serpentine rock formation
- 2913 Grass in clumps 4 ft tall
dampish spot.
- 2914 Taloua 2-4 ft, leaf shining
fls nearly white lips small & narrow
- 2915 Taloua 4-6 ft, leaf dulish
corolla dark pink 1 in across

- 2916 Orchid terrestrial in damp
grassy places, fls yellowish green
- 2917 Palm, leafy 3-6 ft
rarely 10 ft, fls fragrant, leaf
light green, 3 ft, waxy beneath, petiole
short, spiny, toothed, young fol. waxy, in 25/1/60
Photo
- 2918 Juncus? 4 in
moist spot,
- 2919 Grass
- 2920 Polygala
- 2921 Polypodium, on base of
Copernicia lucidula
- 2922 Coccoloba? 6-20 ft
infl. pendant, fol silvery beneath
- 2923 Creeper, in grass 6 in
fls small white
- 2924 Thrinax 3-4 ft, rarely
6 ft in clumps often forming
thickets infl. erect fol light
green.
- 2925 Arelastomacraea, shrub
6 ft
- 2926 Small, 4-6 in fls white
somewhat creeping, wet places

- 2927 Straggling slender shrub Comp?
fls orange colored, wet places
- 2928 Apevine 1-1 1/2 ft
- 2929 Cyperus, round heads
1 ft or over
- 2930 Sabalau? 1-2 ft
in wet grassy places

Holguin Camaguey
by Saranias, S.E. of town.
Nov 25-29

- 2931 Convolv. vine over bushes
in orange grove fls yellow
- 2932 Shrub 6 in spreading
fls. yellow, red soil in Sarana
- 2933 Shrub 6 ft.
Thickets in Sarana
- 2934 Vine on Copernicia
- 2935 Orchid, flat bulb on Copernicia
fruit
- 2936 Tall grass
4 ft.
- 2937 Mountain Palm 5-12 ft
Thrinax, infl erect fol green
Photo

2938 small branched shrub 6 ft
comp? fls narrow orange

2939 creeping on ground 3-4 in
fls white $\frac{1}{4}$ in

2940 Shrub 5-6 ft
pod legum-like

2941 milky vine, apoc?
6-8 ft, fls narrow fl.

2942 Portulacae
2-3 inches

2943 Strict herb 3-5 in
fruit heads white

2944 Vanilla, or Copevicia
fruit mostly terminal

2945 Shrub 6-8 ft fls yellow
fruit scarlet, seeds shiny black and yellow

2946 Cactus, mammillaria?
in packets of soil among small stones
top level with, or covered by small stones

2947 Orchid ^{epiphytic} fls yellow
in fls over through bushes

2948 Gesneria? small fol. plant
on grd. among stones. fls. white

2949 Trema
tree 25 ft near
stream

2950 Tree to 25 ft. (Spreading branches)
very light red

2951 Apoc. vine, corolla cream
colored, 3-4 ft corolla 1 in.

2952 Vine 3-6 ft
fls winged, white

2953 Herb 1-2 ft corolla red
acanthaceae

2954 Scutellaria? 2-6 in, corolla
purple among ^{small} stones

2955 Vine Apoc? 1-2 ft
corolla $\frac{1}{4}$ in - the yellow

2956 Herb in ^{with} grass 4 in, fls heads
 $\frac{1}{4}$ in - scarlet

2957 Orchid in wet grass (terrestrial)
corolla 1 in purple, plant up to 2 ft.

2958 Comp. herb 1-2 ft heads
pinkish white, among rocks

2959 Vine fls $\frac{1}{4}$ in yellowish white

2960 Bradburia, narrow leaf
1-3 ft fls. blue

2961 Sag. vine, in dry grass
fls red

2962 Tree. Legum. 25 ft
near spring

2963 Shrub 4-6 ft. corollate
3-4 in. white

2964 Aromatic herb, 6-12 in
fls yellow

2965 Sclerocarpus, on Coprinus
fruit pink

Suaeda frutescens
vicinity of "Woodford" alt. about
1700 ft. Eruptive (sculptured) rock,
climber on ridges, and covered with scrub
or overland with granular iron ore
& covered by Pinus woods, or deciduous
woods & thickets about streambeds
loc 4th mostly pinus woods

2966 Panicum, 9 in
narrow leaf

2967 Melastomaceae shrub 4 ft.
fls dry leaf whitish beneath

2968 Panicum, 5 herb bushy
4-6 in partly prostrate

2969 Shrub ^{2746 ft} fls brownish woolly
Bartlettia? fls white papery

2970 Eug. vine about 3 ft
fls purplish red

2971 Shrub 1-2 ft. fls bright red
leaf holly like

2972 Shrub like - comp
1-2 ft. fls white

2973 Vaccinium 1-3 ft.
fls bright dark red

2974 Shrub 2-3 ft.
fls bright red fleshy

2975 Melastomaceae shrub
3 ft.

2976 Semi prostrate shrub
1-2 ft. fls fleshy bright red

2977 Comp. 4-6 ft.
leaf acuminate

2978 Melastomaceae, leaf small
shrubby 2-6 ft. fruit blue black

2979 Comp. 2-4 ft. leaf blunt
camphoraceous odor, fls white

2980 Passiflora, woolly leaf
fls clustered blue 1/3 in, fls white & blue

2981 Slender shrub 3-6 ft.
fls yellow green fls winged

2982 Melastomaceae 2 ft
leaves scarcely shrubby fls dark blue

2983 Comp. fls on ground
1 ft.

- 2984 Shrub 2 ft.
fruit green
- 2985 Vine 5-10 ft. leaf glossy
Leisnera? fl. winged
- 2986 Shrub 1-2 ft.
fruit dark red 1/4 in.
- 2987 Vine 3-4 ft.
fls. Red? in fruit
- 2988 Grass Agropodium
12-15 in
- 2989 Shrub, leafy brown leaf
fruit hard 1/2 in = 2969
- 2990 Grass 1 ft.
- 2991 Vaccinium 1-3 ft.
fruit black or dark red good
- 2992 Shrub 2 ft. to small tree 10 ft.
fruit brown capsule
- 2993 Tall Panicum 2 ft.
smooth
- 2994 Vine, apoc. 6 ft.
not milky fruit
- 2995 Cyperaceae
3-6 in
- 2996 Andromeda? 3 ft.
fls. white

- 2997 Panicum 1 ft.
radical leaves very broad
- 2998 Grass
- 2999 Panicum, creeping
or prostrate
- 3000 Orchid, on Pines &
other trees fruit
- Loc. 5th Pine woods
- 3002 Mirlastomacra 12-18 in
fls. whitish fruit fleshy blue black
- 3001 Panicum 1 ft or less
lf = 2999
- 3003 Rubiaceae? herb, 1 ft.
fls. white
- 3004 Herb creeping & rooting
1 ft. fls. lt. blue, fruit, azur blue
- 3005 Mirlasia (comp) vine
3-5 ft. fls. yellowish white
- 3006 Fern, delicate, "Spring"
- 3007 Grass, 2 ft.

3008 Herb like, 2 ft. fls yellow
of Piperacrae?

3009 Spartina? grass
8-10 in. inf. spikelets

3010 Shrub, very erect
2 ft

3011 Oplismenus Grass

3012 Comp 6 in
fls white or bluish

3013 Grass, long slender
very leaf small

3014 Eriocraea, Shrub
6-8 ft.

3015 Shrub 8 ft.
fls yellowish white, axillary

3016 Leisocoma?, vine
many joint fls yellowish

3018 Panicum 12-18 in
X hairy

3017 woody "climbing" grass
3-5 ft. +

3019 Creeper 1 ft.
in grass & alpinum grass

3020 Grass 1 ft.

3021 Psychotria? 2 ft.
fls. yellowish, fl. black

3022 Creeping panicum

→ Broadish leaf, much branched
acidulous woods & the wet
3023 Tree to 15 ft
fl. hard 1/4 in.

3024 fleshy vine Vicia
fruit black fleshy 1/4 in

3025 Shrub to 8 ft. milky
Euphorb. fls white

3026 Shrub 2 ft. Calceolipia?
fls bluish

3027 Sygodium, Climbing fern
8-10 ft

3028 Shrub 3 ft.
fls fleshy fl. light red.

3029 Mistletoe
leafless.

3030 Shrub 1-1 1/2 ft.
lvs. small thick fl. red

3031 Crinum Shrub-like ^{Pineland}
3 ft. fruit purplish fls white

3032 Creeping, 1 ft. heads white
slangy in clonage side of trail

3033 Tree 30 ft X 8 in ^{overlows}
dark milky

- 3034 Tree 20 ft. Rhamnus
fls lt, yellow
- 3035 Thymus 6 in to 1 ft
fls yellow
- 3036 Orchid creeping on tree
trunk fls
- 3037 Orchid, erect 2 in,
in fruit on tree trunks
- 3038 Aerostichum, fern
6 in on tree trunks, hairy
- 3039 Orchid fls white or nearly so
7 in trunks
- 3040 Orchid, long slender
fls terminal small yellow ^{in trunks}
- 3041 Orchid 8 in long creeping
buds; stem fls at base of lvs,
- 3042 Orchid, 1 in high, very
much larger, on tree
- 3043 Papaver magnifolia
on tree
- 3044 Orchid, longish buds on
creeping stem fls usually whitish
- Loc 7 along stream east of
"Woodford Inn"

- 3045 Smilax woody climber
10 in diam fls, spiny leaf fls red to black
- 3046 Dioscorea, herb, vine
5-6 ft, fls 3 winged
- 3047 Erecaera, 3 in thick branches
pendant, fls at edge of Pines
- 3048 Cypripedium - throat like, brown
3-5 in
- 3049 Malva 12-18 in
yellow, by trail edge of Pines
- 3050 Andromeda? pointed leaf
3-5 ft,
- 3051 Chaptalia comp herb,
white fls
- 3052 Forked fern, 2-6 ft,
forming small thickets edge of Pines
- 3053 Anastolochia, vine
2 ft, fls scarce, brownish red
- 3054 Passiflora 10 in diam fls
fls dark red 1 in, fls blue & white
- 3055 Cypripedium
12 in, leaf thin
- 3056 Adiantum
hard, elongated pinnules
- 3057 Cypripedium
vents of broadish lvs. scape 1 ft

- 3058 Panicum grass 1 ft.
trans hard
- 3059 7 m 7 m. 4-12 ft ryegrass
- 3060 7 m 30 ft. x 8 in
- 3061 Anisotoma on (3060)
fl. bright red with a black base
- 3062 7 m 30 ft. small tree
by trail
- 3063 Vine 20 ft.
fl. small whitish fl. white
- 3064 Shrub 3 ft fl. bluish
- 3065 Orchid in leaf mound in
dense shade fl. small whitish
- 3066 Fern on tree, Acrostichum
fronds thick, very long rhizome dark
- 3067 Fern 3 in, broad leaf
thick, thick & shiny fl. pond 1/2 in
- 3068 Fern, thick & shiny
acute fl. pond broad
- 3069 Orchid, on tree fl. small
yellow
- 3070 Stick Shrub 2 ft
fl. waxy fl. small yellow

- 3071 Passiflora fls. yellow
fl. 1 1/4 in diam lvs. lanceolate
- 3072 Comp. shrubby
1-4 ft fls. white ryegrass
- 3073 Passiflora lvs 3 lobed
if = 3071
- 3074 Flrshy vine 5 foliate
fl. hairy, 1/2 in diam
- 3075 Shrub 3 ft
- 3076 Vines, pods small 1 1/2 - 3 ft
leaf small or none
- 3077 Cyperaceae
leaf narrow
- 3078 Smilax, vine 1/2 in thick
20 ft, long, leaf ovate acuminate
- 3079 Shrub 5 ft, fls. yellow, fl. oval
- Loc 8 Upper end of Pudia Gorda
trail, mostly bamboo & rock,
thickets, below old camp.
- 3080 Grass 1 ft 'Anistida'?
Pumland
- 3081 Passiflora, leaf 3 lobed
fl. shiny red 1 in or more in diam

3082 Creeper, on ground
leaving near road Burundi

3083 Grass flat on ground
Burundi

3084 Coccolobus 7' tree to 25 ft. ^{rich}
fls whitish fr. red-black

3085 Stragling tree 15 ft
fls small green, axillary

3086 Shrub
8 ft

3087 Erect tree 10 ft
numerous fls in spikes yellowish

3088 Runderletia? 3' shrub or tree
to 15 ft branches slender fl. red-black

3089 Plumieria slender tree
10-20 ft. near road

3090 Shrub 8 ft.

3091 slender unbranched tree?
3-10 ft. fol. pinnate

3092 Euphorbia tree to 15
ft., very much fls. yellow bracts scarlet

3093 Aeschynomene; linear leaf,
fruit large

3094 Shrub Cordia?
3-5 ft. fls white fruit orange red

3095 Clusia, tree 20 ft x 4 in
fruit red, small, 1 in or less

3096 Pithoeolobium, spreading tree
3 ft. x 9 in seed blue

3097 Cyperus
6 in

3098 Cyperus long slender
leaves

3099 Cyperus
short rough leaf 8 in

3100 Cuscuta? fls white, stem
green, fruit ovoid

3101 Cyperus
18 in slender sp. = 3099

3102 Orchid, creeping on ground
or at base of bushes

3103 Carex? inf in bracts

3104 Shrub 10 ft. holly-like leaf
infl. dry terminal

3105 Tree 12 ft

3106 Shrub 4-8 ft
fls white outer side purplish

3107 Comp shrub like fls white
lvs. yellow woolly beneath

- 3108 Shrub-like - Cordia? -
fls. in bracts - corolla white
- 3110 Tree slender 20 ft
X fls. scale like, terminal
- 3109 Slender tree 10 ft
reticulate lvs. woolly lvs.
- 3111 Fern, on dryish rocks
3 in.
- 3112 Shrub, 1-2 ft, Box-like
fls. fleshy red
- 3113 Shrub, comp. like 6-8 ft
lvs. rusty woolly below
- 3114 Mustelitor, yellowish
green
- 3115 Comp. Shrub-like, fls. white
lvs. silvery white beneath
- 3116 Orchid, slender grass-
like on log
- 3117 Shrub-like 5 ft,
bracts hard fl. fleshy red = 3108
- 3118 Vine - many feet
up - Dioscorea

Lore

- 3119 Polypodium pallatum
on tree trunks
- 3120 Polypodium, broader-
pendant fronds on trees
- 3121 Melastomaceae, Slender
tree 30 ft, X 3 in fls. yellow red
- 3122 Orchid cylindrical bracts
slender on stem pods small
- 3123 Epidendrum
petals? brown-green - lip purplish white
punctured by purple lines
- 3124 Vittaria-like fern
- 3125 Fern, creeping rhizome 5 ft
or more long rusty lvs.
- 3126 Small, rusty, leafy plant
fern
- 3127 Acrostichum narrow plant
petals short & broad
- 1922 10 At base of stream, chiefly
woods, mostly cut, orchids etc. collected
in fallen tree tops.
- 3128 Fan shaped fern? from
base of tree
- 3129, Orchid creeping
fls. yellow in bract & spike

3130 *Tournefortiella*?
on base of tree pinnate

3131 Fern - *Campyloneurum*-like
base of tree trunk

3132 *Polypodium*, creeping
with little rhizome found on

3133 *Smilax* tree 15 ft x 2 1/2 in

3134 Orchid, grass-like
12-15 in fls yellowish green

3135 Orchid, large lily-of-the-
valley-like fls yellow at

3136 Orchid small round leaf
scarce, rare

3137 Epiphytic Shrub 2-3 ft
among high tree trunks

3138 *Sycepodium* - or tree
long snake-like

3139 *Psidium*?
on moss

3140 *Sycepodium*, branched
loose on tree

3141 *Polypodium* large
pinnate - tree tops

3142 Orchid brown lip, pinnate
yellow; leaf wide

3143 Orchid pink & lavender

3144 Orchid - fls fragrant
fls white lip purpled with purple lines

3145 Orchid greenish yellow fls
no "lulls"

3146 Fern, on tree
erectum found

Dec 11 Same place

3147 *Malastoma* 1 ft.
fruit black

3148 *Andromeda* 15 ft
fls creamy white edge of leaves

3149 *Liosora*? vine 6 ft leaf broad
♂? edge of leaves

3150 Orchid, in Crag mound *Ternstroemia*
white stipul

3151 Orchid, leaf thin & broad
crag ribbed, fls whitish

Dec 12 Same place

3152 *Tillandsia*
filiform leaves

3153 Fern, Polypodium
forked probably a male ①

3154 Orchid small 3 in

3155 Ferny fern
moss like

3156 Pinus, tree 60 ft x 12 in
leaf long, cone small

Dec 13

Down ravine to trail 1600 to 1900 ft. alt
among moist serpentine rocks

3157 Shrub hard leaf
4 ft. fl. light red when ripe

3158 Tree 20 ft. trifoliate leaf
fl. reddish brown

3159 Miconia 10 ft
fls. white

3160 Tree 15 ft
fl. black

3161 Tree 18 ft
fl. old capsules

3162 Peperomia
on wet log stream

3163 Sedge, broad iris-like leaf
by water

3164 Shrub 3-6 ft
on wet log stream

3165 Murlastomacrae, shrub
by water, 3-4 ft. fruit sessile

3166 Symplocium
3-6 in blue green, on rocks

3167 Orchid 1 1/2 in on ^{wet} rocks

3168 Shrub 2 ft
fl. red, lvs. shining

3169 Fern, Adiantum
surgens rounded

3170 Adiantum

3171 Orchid small 3 in
on rocks

3172 Grass

3173 Small herb, lvs. radical
scape 3 in

3174 Fern 50 ft. 3 ft.

3175 Silver fern
to over Pucara Gorda trail to village

3176 Tree 15 ft.

- 3177 Tree 20 ft acacia-thick leaf
 3178 Inflorescence shrub 6 ft
 fl. many fls whitish
 3179 Shrub 15 ft, or less
 fls purple fl. flat, 2 valved
 3180 Shrub 2 ft
 fl. black
 3181 Small tree 10 ft
 3182 Shrub 3 ft. Malpighia
 fl. fleshy red fls pink
 3183 Woody vine
 fls tiny cotta colored
 3184 Asclep. vine
 fls. small white
 3185 Shrub 4-5 ft, Corp? Croton
 1 half-like fls, orange
 3186 Vine, 3-5 ft, fol
 grayish fls white
 3187 Shrub 12-14 in Croton
 also bearing 6-8 ft
 3188 Small tree 10 ft
 Jacquinia-like.
- 3189 Shrub 2-3 ft
 3190 Corp. Rubraera?
 fls white along RR cut
 3192 Aroid corp many ft
 fol. large toothed
 3191 Mistletoe
 small broad leaf
 3193 Bromellad
 3194 Vine 3-4 ft
 fls white convolvulacran
 3195 Shrub 5 ft
 stem green
 3196 Acoratidium, long
 dark green fronds
 3197 Shrub like Euphyte 3 ft
 fls whitish
 3198 "Cintopodium", orchid
 young plant alt 1300 ft

Dec 17, deciduous woods Glen
hospitum

- 3199 Melastomaceae, 5 ft
sessile
3200 Tree 40 ft x 12 in
3201 Shrub 1-4 ft
fls tubular 1 in yellow
3202 Upright Shrub 1 ft in
fls bluish Crinum?
3203 Comp. fls white
Eupatorium 2-3 ft.
3204 Piper Shrub 3-6 ft
3205 Slender Shrub 6 ft
fls axillary greenish yellow
3206 Pinus
75 ft bark thin brownish
3207 Tree 25 ft
juv red to black
3208 Passiflora. narrow leaf
fls small greenish
3209 Fern
Small Polypodium?

3210 Polypodium latatum?
in trees

Dec 18 deciduous woods, among
fallen timber & thickets am

- 3211 Vanilla, oblong fol.
vine many feet
3212 Grass broad leaf
in dense shade
3213 Fern long creeping
on rotten log by streamlet
3214 Orchid yellow spikes
3215 Adiantum
coarse leaf
3216 Pinus 80 ft
rough bark cones large, leaf long
3217 Coccoloba
8-25 ft fruit purplish

Dec 18 Itard of Saw Mill
among a PM

- 3218 Vanilla small leaf
may fruit, fruit linear

3219 Shrub 3-6 ft
small fls. yellowish green
by water

3220 Pithcolobium summitum
10 ft or shrub seed cluster

3221 Tree 15 ft Clusia,
fls. creamy white

3222 Orchid on rocks

3223 Margaravira?

woody, vine many feet

3224 Orchid in herb. in no-leaf
th. basal, in moist ground

Pine (Same day)

by falls of Arroyo del
Mordia

3225 Stunted Shrub

3226 wide shaped Fern
on rocks by spray of water

3227 Comp. herb 1 ft
X 1420

3228 Orchid, in pockets of
soil, on rocks by falls

3229 Sedge; long stiff flat
leaves, infl. short

3230 Shrub 1-2 ft.
X 1420

3231 Sedge leaf V shaped
infl. longer than leaves

3232 Comp. 12-18 in
fls. purplish

3233 Shrub 3 ft.
fls. bright red, among rocks

3234 Pilra on wet damp rocks

3235 Orchid on leaf mould
6 in, fls. whitish

3236 Comp. leaf radical
scape 4-6 in fls. white

3237 Orchid on rocks,
small

3238 Orchid on rocks, fls.
reddish in axils of leaf base

3239 Filmy Fern on tree
overhanging stream

Dec 21 Toward 13 and 14
trail

3240 Pteris longifolia?
moist open place

3241 *Pteris*, broader seg-
ments

3242 *Solanum* spiny 3-5 ft
9 trail, fls white, fl. red 9 trail

3243 *Polygala* erect herb
2-6 in fls white in prime wood

X 3245 *Pedicularis* 2-6 in
whitish fls

3246 *Elephantopus* ? 18 in
fls white, no trail

3244 *Sagittaria* 2-4 in
fls bl. blue

3247 *Crinum* ? fern

3248 *Utricularia*
fern

3249 Fern *Crinum*
Polypodium-like on rotten log

3250 Shrub 18 in
fls greenish

3251 *Orchid*, on ground in
thin woods, fls purplish
pink 1-2 ft high

3252 Shrub 3 ft
fls greenish

3253 Shrub 2 ft
fls whitish

Loc 22

To Arroya del Indio
from big falls up to "Cerro"

3254 Tree 30 ft
fls light red

3255 Tree 15 ft

3256 *Orchid*, fls axillary

3257 Shrub-like 2 ft,
green stem, Comp?

3258 Herb, 2 ft
tubular fls yellow ^{on stem} ~~not~~ ^{w/} ~~cause~~

3259 Small tree 15 ft
overhanging water

3260 Grass in sphagnum
moss in dense shade

3261 Piper 4-6 ft
X 1 ft 2 D

3262 *Asplenium*
on rocks

3263 Shrub 3-5 ft
fls greenish

- 3264 *Pithecomia*? fol
grass-like spiny
- 3265 *Petalanthus*? Shrub
1-3 ft.
- 3266 *Cyperus* 1-2 in
in enviro of rocks subject
to sun & rain
- 3267 Small fern in tank
of the fern
- 3268 Moss like plant fern
- 3269 Tree 40-60 ft.
- 3270 *Musitron*
fls in yellowish spikes
- Loc 23
Sinner stone hill - top
of Sinner incline alt.
about 500 ft.
- 3271 *Sagum* tree
40 x 50 ft x 8 in
- 3272 Small tree 20 ft
milk juice inf. axillary.
- 3273 *Psychotria*? 5-8 ft
fls yellow

- 3274 Tree 20 ft
ft, axillary lvs. velvety
- 3275 Woody vine 10 ft
fls white
- 3276 *Piper*? lvs cordate
4 ft.
- 3277 Vine 10 ft
fls white lvs compound
- 3278 Tree 15 ft
fruit red-black
- 3279 Tree 40 ft
fls bright red
- 3280 Shrub-like 6 ft
fls black or rarely 50' = 3273?
- Loc 24 Banderatrail in dense
drum woods & herbs
- 3281 *Sy copodium*
- 3282 ~~Psychotria~~ Shrub 3-4 ft
fls white
- 3283 Creeping herb. close to ground
fls white, fruit blue
- 3284 *Bilbergia*?
inf short as leaves
on trees, often Pine, & on the side

3285 Small entire Polypodium
on tree

3286 Ferny fern

3287 Ferny fern smaller

3288 Tree 20 ft
leaf small

3289 Under shrub, species
fl white - 6 ft slender

3290 Fern on tree
thick creeping rhizome

3291 asclep. vine 2-3 ft
blackish fruit

3292 Shrub 6 ft velvety
blackish fls

3293 Ficus, tree 30 ft

Loc 27 Trace of Samuell
arraya

3294 Malvaecae. in Pinus tree
small 6 in yellow

3295 Graptallium in pine
fls yellow woods

3296 Slender tree 15 ft
fls white fragrant

3297 Shrub
8 ft

3298 Shrub 1-2 ft
fls red

3299 Vanilla, broad leaf
pod 6 in long

Loc 27 Simstrom formation
along lower incline 500 ft. to
about 100 alt.

3300 "Peper" peltate leaf
4-5 ft

3301 Adiantum

3302 Peper, acuminata,
high, 4-8 ft

Loc 28

Trail Woodford to Percha Creek

3303 Selaginella.
long creeping

3305 Minusaeous shrub
6 ft. fls white speckled

3304 Malvaecae, shrub 10 ft
fls orange red

- 3306 Shrub 6 ft.
fl. red. Cordia
- 3307 Comp. 4 ft.
fls. white
- 3308 Climater. 10 ft.
fls. white fragrant
- 3309 Tree 12 ft. aromatic fl. red
lark wry like Bursera
- 3310 Shrub. Streulacera?
shrub 4-6 ft.
- 3311 Shrub
4-6 ft.
- 3312 Shrub 3 ft.
fls. white fragrant
- 3313 Ericaceae? Tree
20-30 ft.
- 3314 Comp. 2 ft.
fol. aromatic
- 3315 Cyperus.
2-3 ft.
- 3316 Spiny Shrub 3-4 ft.
fruit fleshy, red
- 3317 Comp.
transradicul. fls. white?
- 3318 Thrinax? = Holguin
6-8 ft. fruit black?

Sagittaria

- 3319 Shrub to small tree
to 12 ft. fls. white fl. fleshy, red
- 3320 Yacoua? Tree to 20 ft.
long pod
- 3321 Vine 10 ft?
- 3322 Shrub 4 ft.
leaf white curate
- 3323 Vine-like shrub
leaf holly like. no fls.
- 3324 Grafler Vanilla
over rocks & bushes
- 3325 Mistletoe fls. yellow
- Dec. 30,
- 3326 Symplocium on gravel
near stream & edge of forest
- 3328 Bromeliad small ground
X fls. blue, bracts red
- 3327 Apoc. Shrub 2 ft.
white fls. tubular, 2 in. notch 1 in
- 3329 Bromeliad, small
smooth

3. *Cryptogramme* (Sours)
Servatipes, variety of *Woodford*
 mostly in rich damp. ravines
 made, in dense deciduous
 forests on the side, from the River
 lands. except # 3330 to 3333

3330 Moss ^{near} *Piedra Gorda*
 on dense stem forest

3331 " "
 3332 " "
 3333 " "
 3334 " ^{near} *Woodford*

3335 " "

3336 " "

3337 " "

3338 " "

3339 " "

3340 " "

3341 " "

3342 " "

3343 *Sphagnum*

3344 Moss

3345 " ?

Number	Location	Notes
3346	Moss	Woodford
3347	"	"
3348	"	"
3349	"	"
3350	"	"
3351	"	"
3352	"	"
3353	"	"
3354	"	"
3355	<i>Marchantia?</i>	"
3356	<i>Thapsia?</i>	"
3357	"	"
3358	"	"
3359	<i>Sclerurus</i> , mostly in poor lands	"
3360	"	"
3361	"	"
3362	"	"
3363	"	"
3364	"	"
3365	"	"
3366	"	"
3367	"	"
3368	"	"
3369	"	"
3370	"	"
3371	"	"

- 3372 Fungus Woodpecker
to
3373 " " "
3377 Puff Balls " "
to
3379 " " "
3380 Bracket F. " "
to
3383 " " "
3384 " (on Pine) "
3385 Fungus "
3386 " (on Pine) "
3387 " "
to
3395 " "
3396 " on fol. of
Andromeda
3397 Fungus (on Pine) "
3398 " "
3399 " "



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Discretionary Grant.

